

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	25	("3089624" "3474939" "4494680" "5027982" "5085347" "5141129" "5203841" "5379924" "5649645" "5918774" "6257451" "6405904").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:49
S2	439	222/153.13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 12:49
S3	0	222/321/7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 12:49
S4	843	222/321.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 12:49
S5	682	S4 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 12:49
S6	41	("3422996"   "3669300"   "3797705"   "3827605"   "3827606"   "4024988"   "4162746"   "4286736"   "4318498"   "4324351"   "4340158"   "4343417"   "4355962"   "4368830"   "4369899"   "4375266"   "4384660"   "4424919"   "4479589"   "4496085"   "4512501"   "4538748"   "4589574"   "4865228"   "4991746"   "5388730"   "5445299"   "5615806"   "5772080"   "5829641"   "5918774"   "6006949"   "6053371"   "6065647"   "6119902"   "6126044"   "6173863"   "6186364"   "6186365"   "6193112").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 12:53
S7	1	("6601735").URPN.	USPAT	OR	ON	2006/09/14 14:05
S8	219	222/321.6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 14:05
S9	843	222/321.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 14:11

## EAST Search History

S10	439	222/153.13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 14:11
S11	682	S9 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 14:18
S12	6616	(pump\$4 or plunger) same (lock\$3 or restrain\$3 or retain) same align\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:50
S13	88313	"222"/\$.ccls. and5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 14:23
S14	88313	"222"/\$.ccls. and5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 14:23
S15	309	"222"/\$.ccls. and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:51
S16	1	("6601735").URPN.	USPAT	OR	ON	2006/09/14 14:51
S17	41	("3422996"   "3669300"   "3797705"   "3827605"   "3827606"   "4024988"   "4162746"   "4286736"   "4318498"   "4324351"   "4340158"   "4343417"   "4355962"   "4368830"   "4369899"   "4375266"   "4384660"   "4424919"   "4479589"   "4496085"   "4512501"   "4538748"   "4589574"   "4865228"   "4991746"   "5388730"   "5445299"   "5615806"   "5772080"   "5829641"   "5918774"   "6006949"   "6053371"   "6065647"   "6119902"   "6126044"   "6173863"   "6186364"   "6186365"   "6193112").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 15:09
S18	984	222/375,182,321.3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 15:10

## EAST Search History

S19	23	("2887273"   "3006510"   "3263867"   "3263868"   "3474939"   "3484023"   "3729119"   "3754689"   "3884393"   "3918615"   "4187963"   "4315576"   "4442955"   "4482082"   "4542837"   "4620646"   "4776491").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 15:31
S20	862	222/402.1,153.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 15:33
S21	87932	(pump\$4 or plunger) same (lock\$3 or restrain\$3 or retain)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:54
S22	2544	"222"/\$.ccls. and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:54
S23	6616	(pump\$4 or plunger) same (lock\$3 or restrain\$3 or retain) same align\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:52
S24	309	"222"/\$.ccls. and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:52
S25	2235	S22 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:06
S26	4501	(pump\$4 or plunger) same (lock\$3 or restrain\$3 or retain) same cap	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:54
S27	531	"222"/\$.ccls. and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 17:55
S28	208	S24 not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:07
S29	1805	S25 not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:28

## EAST Search History

S30	3896	222/1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:31
S31	2070	S30 and (pump\$3 or plunger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:32
S32	1851	S31 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:34
S33	1347	222/383.1,321.7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:36